

Converting Colors

Hex(4B3E58)

Have a look what the booklet for
Hex(4B3E58) contains.

Hex(4B3E58)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B3E58)

Conversions

Conversions Part 1

Format	Color
Hex	4B3E58
RGB	75, 62, 88
RGB Percent	29%, 24%, 35%
CMY	0.7059, 0.7569, 0.6549
CMYK	0.15, 0.30, 0.00, 0.65
HSL	270°, 17%, 29%
HSV	270°, 30%, 35%
XYZ	6.3857, 5.6457, 9.9857
YIQ	68.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

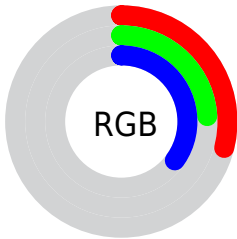
Format	Color
R_{YB}	75, 62, 88
Decimal	4931160
CIE Lab	28.50, 11.45, -13.47
CIE LCh	29, 17.678, 310.376
Yxy	5.6457, 0.2900, 0.2564
Android (android.graphics.Color)	4283121240 (0xFF4B3E58)
YUV	68.8510, 9.4405, 5.3927
Hunter-Lab	23.7607, 6.3911, -8.2848

Details

The Hex color **4B3E58** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4B583E**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7C6E8A**, and **1E142A** is the 20% darker color. If you saturate the color by 10%, you get **473558**, and if you desaturate by 10%, it is **4F4758**.

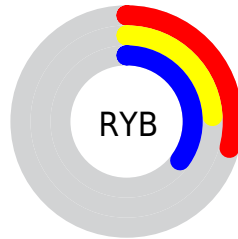
Distribution



 Red (29%)

 Green (24%)

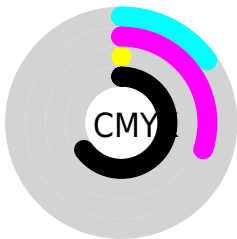
 Blue (35%)



 Red (29%)

 Yellow (24%)

 Blue (35%)

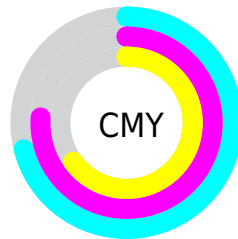


 Cyan (15%)

 Magenta (30%)

 Yellow (0%)

 Black (65%)



 Cyan (71%)

 Magenta (76%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3E58 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4B3E58 by changing the saturation by 10% instead.



4B3E58



4B3E58

FFFFFF



342841



7C6E8A



1E142A



9687A4



010016



B1A1BF



000000



CCBCDB



E9D8F8



FFF4FF



4B3E58



4B3E58



473558



4F4758

■ 422C58

■ 545058

■ 3E2458

■ 585858

■ 391B58

■ 5D6158

■ 351258

■ 616A58

■ 310958

■ 657358

■ 2C0058

■ 6A7C58

■ 6E8458

■ 738D58

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38435E



4B3E58



583A4D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4B3E58



543F2A



184B48

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4B3E58



4B583E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



284A3A



4B3E58



484428

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4B3E58



5C3B32



39482E



134A54

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4B3E58



5D3944



39482E



1D4B43

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4B3E58



6E6873



3E4B58



37343B



BABABA



3B3B3B

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4B3E58



5F4B73



583E58



29272B



36006B



7500EB

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



583E4B



734B5F



3E583E



2B2729



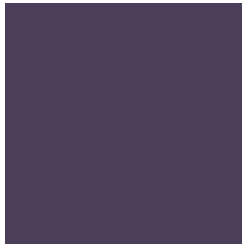
6B0036



EB0075

Previews

White Background



This preview shows how the Hex color 4B3E58 looks on a white background.

Color Contrast Check

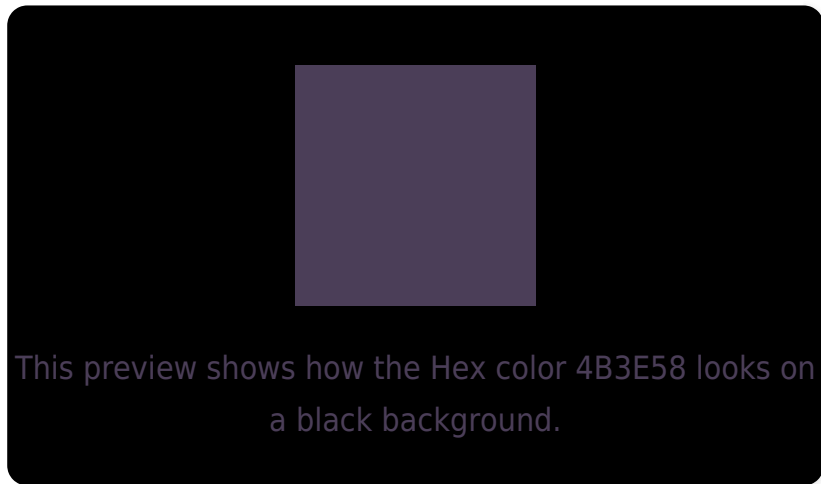
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

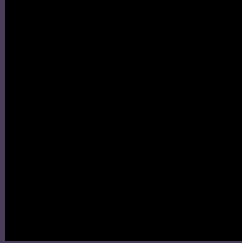
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4B3E58 Background



This preview shows how black text looks on a background with the Hex color 4B3E58.

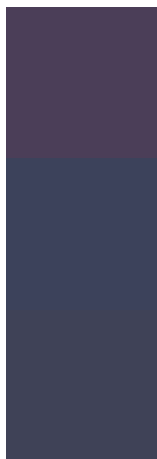


This preview shows how white text looks on a background with the Hex color 4B3E58.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
4B3E58

Protanopia
3C425B

Deuteranopia
3F4257



Tritanopia
484147

Trichromacy



Original Color

4B3E58

Protanomaly

41415A

Deuteranomaly

434157

Tritanomaly

49404D

Monochromacy



Original Color

4B3E58

Achromatopsia

454545

Achromatomaly

47424C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3E58 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4B3E58 looks like.

```
.text, #text, p{  
    color:#4B3E58  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4B3E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3E58
}
```

Border

The CSS property to change the border of an element to Hex 4B3E58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

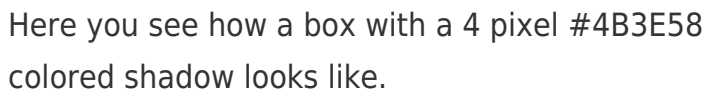
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B3E58 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4B3E58 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #4B3E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3E58; -webkit-box-shadow:4px 4px  
4px 4px #4B3E58; box-shadow:4px 4px 4px  
4px #4B3E58 }
```

Background

The CSS property to change the background color of an element to Hex 4B3E58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3E58 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4B3E58 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor